INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/37220

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7)	: C12N 5/00; C12M 1/34; C12Q 1/02, 1/18, 1/24		
US CL: 435/29, 30, 32, 287.6, 375 According to International Patent Classification (IPC) or to both national classification and IPC			
	International Patent Classification (IPC) or to both natio	niai ciassincanon anu if C	
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S. : 435/29, 30, 32, 287.6, 375			
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
West, Chemical Abstracts			
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	JMENTS CONSIDERED TO BE RELEVANT	**** C4 1	Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, or the recent passages		
A	US 5,354,663 A (CHARM et al.) 11 October 1994 (11	.10.1994).	1-66
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A	US 5,489,532 A (CHARM et al.) 06 February 1996 (06.02.1996).		1-00
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	decomposite our listed in the continuation of Day C	See patent family annex.	
Further documents are listed in the continuation of Box C.			emational filing date or priority
• s	pecial categories of cited documents:	date and not in conflict with the applic	cation but cited to understand the
	t defining the general state of the art which is not considered to be of	principle or theory underlying the inve	
	relevance	"X" document of particular relevance; the	claimed invention cannot be
"E" earlier ap	plication or patent published on or after the international filing date	considered novel or cannot be considered	ered to involve ara inventive step
when the document is taken about			
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specified		considered to involve an inventive ste combined with one or more other suc	en when the document is
"O" documen	nt referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	he art
		"&" document member of the same patent	t family
"P" documen	at published prior to the international filing date but later than the late claimed	"&" document member of the same patent	
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Date of the actual completion of the international search Da		2 7 NDD 211	1115
04 April 2005 (04.04.2005)			
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Commissioner for Patents		-	to pop
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